

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Art Unit 2624

Brundage et al.

Confirmation No. 5107

Application No.: 10/828,930

Filed: April 20, 2004

**Via Electronic Filing**

For: PROGRESSIVE WATERMARK  
DECODING ON A DISTRIBUTED  
COMPUTING PLATFORM

Examiner: A. Carter

Date: May 10, 2006

**INFORMATION DISCLOSURE STATEMENT**

MAIL STOP AMENDMENT  
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Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449. Copies of the foreign patent publications and non-patent references are attached.

This information disclosure statement is being filed after the mailing date of a First Office Action on the merits and before the first mailing date of Final Office Action (37 C.F.R. § 1.113), or Notice of Allowance (37 C.F.R. § 1.311).

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

Please charge the fee of **\$180.00** under 37 C.F.R. § 1.17(p) and any additional fees or credit any overpayment in connection with the filing of this Information Disclosure Statement to Deposit Account No. 50-1071.

Date: May 10, 2006

Respectfully submitted,

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<b>INFORMATION DISCLOSURE STATEMENT</b>	Docket: P0977	Ser. No.: 10/828,930
	Applicant: Brundage et al.	
	Filed: April 20, 2004	Group: 2624

US Patent Documents				
Ex'r Initial	Number	Date	Inventor	Class
	5450490	September 1995	Jensen et al.	
	5568570	October 1996	Rabbani	
	5809139	9/1998	Girod et al.	
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	20020059162	5/16/02	Shinoda et al.	
	20020083324	6/27/02	Hirai	

Examiner Signature:	Date Considered:
<p>*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

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	20020059162	5/16/02	Shinoda et al.	
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	20050229107	10/13/05	Hull et al.	
	10/122,141	4/12/02	Anglin et al.	

**Foreign Patent Documents**

Ex'r Initial	Number	Date	Country	Class
	WO9743736	11/20/97	Rhoads	
	WO0070585	11/23/00	Rhoads et al.	
	WO03034320	4/24/03	Brundage et al.	

**Other References**

Ex'r Initial	Cite
	Barni et al. "A new decoder for the optimum recovery of nonadditive watermarks." May 2001. IEEE Transactions on Image Processing. vol. 10, Issue 5. pp. 755-766.
	Gonzalez, et al., Digital Image Processing, Sec. 4.2, "Enhancement by Point Processing," 1992, pp. 166-189.
	Jain Fundamentals of Digital Image Processing, Sec. 7.2, "Point Operations," 1995 reprint of 1989 publication, pp. 235-241.
	"Coding of Still Pictures," JPEG 2000 Part 1 Final Committee Draft Version 1.0, Mar. 16, 2000, 26 pages.
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	Kutter, "Performance Improvement of Spread Spectrum Based Image Watermarking Schemes Through M-ary Modulation," Lecture Notes in Computer Science, 1999, 16 pages.

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